

Reference Material catalog - Suisse Technology Partners Ltd.

1xxx Pure Aluminium

	112/03	113/03	114/03	11524	11525	116/01	116/02	116/04	117/03	117/04	122/08	122C/01
Si mass content [%]	0.00007	0.0012	0.0034	(0.05)	(0.05)	0.0095	0.0110	0.0111	0.0152	0.0152	0.0502	0.0585
Fe mass content [%]	0.00006	0.0054	0.0050	(0.1)	(0.1)	0.0080	0.0220	0.0105	0.0141	0.0141	0.0510	0.0981
Cu mass content [%]	<0.00004	0.00023	0.0018			0.0054	0.0058	0.0070	0.0023	0.0023	0.0199	0.0148
Mn mass content [%]	<0.00001	0.00010	0.0019			0.0050	0.0045	0.0051	0.0010	0.0010	0.0198	0.0104
Mg mass content [%]	0.00005	0.0008	0.0013			0.0080	0.0070	0.0050	0.0019	0.0019	0.0179	0.0042
Cr mass content [%]	<0.00001	<0.00001	0.0006			0.0045	0.0050	0.0051	0.0013	0.0013	0.0197	0.0027
Ni mass content [%]	<0.00001	0.00010	0.0009			0.0050	0.0048	0.0049	0.0013	0.0013	0.0200	0.0024
Zn mass content [%]	<0.00001	0.00025	<0.0002			0.0055	0.0065	0.0052	0.0011	0.0011	0.0202	0.0153
Ti mass content [%]	<0.00001	0.00011	(0.0004)			0.0037	0.0015	0.0020	0.0006	0.0006	0.0192	0.0038
Ag mass content [%]	<0.00001		<0.00005					0.0020	0.0005	0.0005	0.0188	
As mass content [%]	0.000010		<0.0001					0.0058	(<0.00005)	(<0.00005)	0.0057	
B mass content [%]	0.000010	0.0090	0.017	0.0004	0.0012			0.0004	0.0013	0.0013	<0.0002	
Ba mass content [%]	<0.00001		<0.0001			0.0009	<0.00005	<0.0001	0.00045	0.00045	0.0010	
Be mass content [%]	<0.00001	<0.00001	<0.00005			<0.0001	<0.0001	0.00028	0.00049	0.00049	0.00048	
Bi mass content [%]	<0.00001	0.00053	0.0011					0.0021	0.0026	0.0026	0.0094	
Ca mass content [%]	<0.00001	<0.0001	(0.0001)			0.0003 - 0.0004		(0.00007)	(0.0006)	(0.0006)	0.0007	
Cd mass content [%]	<0.00001	<0.00001	0.0031			<0.0002	<0.0002	0.0011	0.0003	0.0003	0.0049	0.00020
Ce mass content [%]	0.00005		<0.0001					0.0011	0.0003	0.0003	0.0141	
Co mass content [%]	<0.00001	0.00050	0.00104					0.0020	0.0014	0.0014	0.0149	0.0008
Ga mass content [%]	<0.00001	0.00007	0.0011			0.0001	0.0001	0.0048	0.0014	0.0014	0.0192	0.0009
Hg mass content [%]	<0.00001		<0.0001					0.0004	0.0002	0.0002	0.0076	
In mass content [%]	<0.00001		<0.0001					0.0049	0.0015	0.0015	0.0112	
La mass content [%]	0.000010		<0.0001					0.0033	0.0019	0.0019	0.0205	
Li mass content [%]	<0.00001	<0.00001	0.0002				<0.00005	0.00011	(0.0007)	0.00052	0.00083	
Mo mass content [%]	<0.00001		<0.0001					0.0076	0.0031	0.0031	0.0096	
Na mass content [%]	<0.00001	<0.00005	<0.0001			0.0011 - 0.0015	0.0002	<0.0001	(0.0006)	0.00041	0.0021	
P mass content [%]	<0.00012	0.0013	0.0004					0.0019	0.0006	0.0006	0.0041	
Pb mass content [%]	<0.00001	0.0007	0.0017			0.0012	0.0005	0.0029	0.0015	0.0015	0.0100	0.0146
Sb mass content [%]	0.00003	0.00065	0.0021			0.00005	0.00008	0.0035	0.0003	0.0003	0.0100	0.0032
Sc mass content [%]	<0.00001										0.0046	
Se mass content [%]	<0.00001		0.00011						(<0.0002)	(<0.0002)		
Sn mass content [%]	<0.00001	0.0006	0.0012			0.0020	0.0020	0.0031	0.0018	0.0018	0.0101	0.0147
Sr mass content [%]	<0.00001		<0.0001					0.00085	(0.0011)	0.00093	0.0011	
Ta mass content [%]			<0.0001								0.0008	
Tl mass content [%]	<0.00001		<0.0001								0.0130	
V mass content [%]	<0.00001	0.00039	0.00008			0.0041	0.0029	0.0026	0.0009	0.0009	0.0203	0.0018
W mass content [%]	<0.00001							0.0015	0.0008	0.0008	0.0102	
Zr mass content [%]	<0.00001	0.0003				<0.0002	<0.0002	0.0019	0.0015	0.0015	0.0153	0.00010

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

1xxx Pure Aluminium

	123/04	124/04	131/03	134/05	135/02	136/03	141/01	142/03	143/05	144/01	145/02
Si mass content [%]	0.073	0.105	0.112	0.152	0.052	0.294	0.41	0.471	0.155	0.65	0.78
Fe mass content [%]	0.107	0.145	0.123	0.286	0.29	0.365	0.40	0.481	0.60	0.73	0.88
Cu mass content [%]	0.0321	0.0533	0.0210	0.0038	0.020	0.056	0.020	0.049	0.029	0.20	0.145
Mn mass content [%]	0.0301	0.0540	0.0123	0.0032	0.020	0.058	0.022	0.055	0.0069	0.100	0.049
Mg mass content [%]	0.0267	0.0558	0.0211	0.0025	0.020	0.038	0.0110	0.047	0.0051	0.160	0.060
Cr mass content [%]	0.0321	0.0509	0.0096	0.0002	0.015	0.037	0.0040	0.050	0.020	0.034	0.010
Ni mass content [%]	0.0309	0.0592	0.0025	0.0011	0.016	0.032	0.0060	0.048	0.0023	0.022	0.0095
Zn mass content [%]	0.0301	0.0515	0.0118	0.0012	0.0080	0.034	0.0140	0.078	0.0098	0.055	0.039
Ti mass content [%]	0.0312	0.0505	0.0045	<0.0001	0.023	0.030	<0.001	0.030	0.0051	0.053	0.010
Ag mass content [%]	0.0048	0.0190								0.010	
As mass content [%]											
B mass content [%]		0.0002	(0.0003)	0.0055		0.0002	0.0150	(0.0008)			
Ba mass content [%]				0.0025 - 0.0038							
Be mass content [%]	0.0008	0.0019	0.00024	0.00050		0.00019		0.0009	0.00042		
Bi mass content [%]	0.0206	0.0151	0.0012		0.0020	0.0002					
Ca mass content [%]		0.0003	0.0032 - 0.0037	0.0002 - 0.0005		(0.0002)		0.0008			
Cd mass content [%]	0.0096	0.0210	0.0009	0.0010		<0.0001		0.0009			
Ce mass content [%]		0.0451									
Co mass content [%]	0.0159	0.0201		0.0010	0.0010	0.0005	0.0090	0.0019			
Ga mass content [%]	0.0207	0.0365	0.0054	0.0010	0.013	0.030			0.014		
Hg mass content [%]											
In mass content [%]					0.0020						
La mass content [%]		0.0307									
Li mass content [%]		0.00060 - 0.000	0.00007 - 0.000	0.00006 - 0.000		0.00003		0.00008 - 0.000	0.00025	0.0012 - 0.0025	
Mo mass content [%]											
Na mass content [%]	0.0002 - 0.0005	0.0014 - 0.0020	0.0004 - 0.0008	0.0020 - 0.0064		0.0009		0.0007 - 0.0011		0.0037 - 0.0065	
P mass content [%]			0.0010			0.0009					
Pb mass content [%]	0.0109	0.0232	0.0058	0.0011	0.0023	0.0010	0.010	0.0047	0.0026	0.0060	0.0025
Sb mass content [%]		0.0252	0.0003			0.0016	0.010	0.0061			
Sc mass content [%]											
Se mass content [%]											
Sn mass content [%]	0.0158	0.0208	0.0024	0.0013	0.0052	0.0003	0.010	0.0047	0.0030	0.0050	0.0024
Sr mass content [%]				0.0004 - 0.0009		<0.0001					
Ta mass content [%]											
Tl mass content [%]											
V mass content [%]	0.0311	0.0449	0.0068	<0.0001	0.0062	0.025	0.0010	0.0077	0.0027	0.036	0.024
W mass content [%]											
Zr mass content [%]	0.0311	0.0054	0.0010	0.0002	0.0050	0.0098		0.0100	0.0049	0.007	0.0032

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	156/02	158/03	161/01	172	174	214	217/2	4190	4200	4260	4270	436/1
Si mass content [%]	0.31	0.053	0.12	(0.12)	(0.12)	(0.1)	(0.1)	(1.2)	(1.2)	(1.11)	(1.11)	(0.11)
Fe mass content [%]	1.28	1.98	2.66	(0.26)	(0.26)	(0.2)	(0.2)	(0.79)	(1.07)	(0.38)	(0.59)	(0.21)
Cu mass content [%]	0.052	0.0120	0.023									
Mn mass content [%]	0.056	0.021	0.035					(0.031)	(0.014)	(0.076)	(0.056)	
Mg mass content [%]	0.063	0.020	0.024			(0.8)	(0.8)					
Cr mass content [%]	0.031	0.0070	0.012					(0.17)	(0.18)	(0.16)	(0.17)	
Ni mass content [%]	0.022	0.0085	0.013									
Zn mass content [%]	0.035	0.0075	0.012									
Ti mass content [%]	0.042	0.0130	0.023									
Ag mass content [%]												
As mass content [%]				0.000007	0.0068			0.0084	0.0359	0.00006	0.0024	
B mass content [%]		0.0010		0.00021	0.0033	0.00072	0.00527					0.00011
Ba mass content [%]												
Be mass content [%]				0.00002	0.00043							
Bi mass content [%]				0.00010	0.00135							
Ca mass content [%]			(0.001)	(0.00022)	(0.00052)	0.00060	0.00224					<0.0001
Cd mass content [%]								0.00222	0.0115	<0.0001	0.00060	
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]		0.010										
Hg mass content [%]				0.00010	0.00165			0.0024	0.00002	0.0138	0.00057	
In mass content [%]												
La mass content [%]												
Li mass content [%]				(0.000006)	(0.00039)							0.0112
Mo mass content [%]		0.009		0.00015	0.0027							
Na mass content [%]				<0.00002	(0.00021)							0.0095
P mass content [%]			0.0016									
Pb mass content [%]	0.0007	0.007	0.0110					0.00176	0.0107	<0.00025	0.00063	
Sb mass content [%]			0.0053	0.00021	0.0043							
Sc mass content [%]												
Se mass content [%]				0.00010	0.0011							
Sn mass content [%]		0.0050	0.010									
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0073	0.013	0.022									
W mass content [%]												
Zr mass content [%]	0.0100	0.0055	0.010	0.00026	(0.005)							

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1xxx Pure Aluminium

	437/2	437/3	509	574	6012	6084	67995	768	769	9201	9204	9205
Si mass content [%]	(0.11)	(0.11)	0.3210	0.0152	0.5750	(0.04)	0.1700	0.0994	0.0999	<0.0005	0.0097	0.0285
Fe mass content [%]	(0.22)	(0.22)	0.5970	0.0175	0.7850	(0.04)	0.3700	0.1935	0.2009	0.00005	0.00889	0.0298
Cu mass content [%]			0.0705	0.0094	0.1420		0.0400	0.0006	0.0004	0.000035	0.00984	0.0312
Mn mass content [%]			0.0750	0.0052	0.1290		0.0390	0.0203	0.0204	0.000004	0.00154	0.00495
Mg mass content [%]			0.0566	0.0325	0.1210		0.0240	0.0093	0.0093	<0.00005	0.00191	0.0048
Cr mass content [%]			0.0631	0.00475	0.0110		0.0215	0.0056	0.0056	0.000008	0.00210	0.00502
Ni mass content [%]			0.0363	0.00556	0.0097		0.0190	0.0051	0.0051			
Zn mass content [%]			0.1372	0.0138	0.1970		0.0740	0.0003	0.0002	0.000033	0.00434	0.00993
Ti mass content [%]			0.0404	0.00570	0.0485		0.0170	0.0104	0.0105	0.00002	0.00341	0.00813
Ag mass content [%]												
As mass content [%]												
B mass content [%]	0.0028	0.0026								0.00005	0.00014	0.00007
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]												
Ca mass content [%]	0.0016	0.0016										
Cd mass content [%]								0.0004	0.0004			
Ce mass content [%]												
Co mass content [%]				0.0054			(0.0002)	0.0041	0.0034			
Ga mass content [%]			0.0170	0.00585	0.0226		0.0103	<0.0004	<0.0004			
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]	0.00109	0.00103										
Mo mass content [%]												
Na mass content [%]	0.0015	0.0015										
P mass content [%]						0.00002						
Pb mass content [%]			0.0488	0.0051	<0.0002		(0.02)	0.0040	0.0040			
Sb mass content [%]			0.0400		0.0022		0.0190	0.0093	0.0095			
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]			0.0390	0.00550	0.0003		(0.02)	0.0040	0.0040			
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]								0.0138	0.0139	<0.00002	0.00127	0.00222
W mass content [%]												
Zr mass content [%]								0.0061	0.0040			

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	1xxx Pure Aluminium					2xxx AlCu						
	9206	9207	9208	9209	9210	1211	211/02	212/02	215/01	221/02	222/01	223/02
Si mass content [%]						1.160	0.110	0.064	0.105	0.15	0.40	0.68
Fe mass content [%]						0.1180	0.066	0.088	0.051	0.21	0.31	0.502
Cu mass content [%]						3.52	4.01	4.40	4.98	1.37	2.51	3.58
Mn mass content [%]						1.004	0.461	0.153	0.0195	0.20	0.42	0.796
Mg mass content [%]						0.820	0.417	0.169	0.049	0.41	0.64	1.09
Cr mass content [%]						0.0625	0.0035	0.0055	0.0106	0.030	0.020	0.0599
Ni mass content [%]	0.00006	0.00024	0.00105	0.00187	0.00089	0.0348	0.0057	0.0084	0.0108	0.030	0.025	0.0522
Zn mass content [%]						0.0100	0.0050	0.0095	0.052	0.0095	0.030	0.0993
Ti mass content [%]						0.1750	0.236	0.265	0.198	0.058	0.024	0.0626
Ag mass content [%]	<0.000005	0.00058	0.00128	0.000024	0.00497		0.305	0.448	0.047			
As mass content [%]												
B mass content [%]							(0.0003)		<0.0003			<0.0002
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]	<0.000005	0.00035	<0.000005	<0.000005	0.00133		0.0019		0.0045			
Ca mass content [%]							0.0006					0.00053
Cd mass content [%]								0.0009	0.0019			0.0011
Ce mass content [%]	<0.000002	0.000009	0.00063	0.00171	0.000017							
Co mass content [%]	<0.000006	0.00053	0.000008	<0.000006	0.00187		0.0057					
Ga mass content [%]	0.000006	0.00032	0.00436	0.01063	0.00133							
Hg mass content [%]												
In mass content [%]	<0.000001	0.00012	0.00045	0.000006	0.00194							
La mass content [%]	<0.000001	<0.000005	0.00081	0.00192	<0.000005							
Li mass content [%]							0.00002		0.00030			0.00019
Mo mass content [%]												
Na mass content [%]							(0.0006)		0.0003			0.0008
P mass content [%]							0.0020					
Pb mass content [%]	0.00002	0.00039	0.0041	0.00002	0.00096	0.0007		0.0027	0.0055			0.0055
Sb mass content [%]							0.0082		0.0045			
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]	0.000010	0.00055	0.000053	0.000021	0.00186	0.0815	0.0010	0.0020	0.0065			0.0040
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]							0.0112	0.0079	0.0104			0.0133
W mass content [%]												
Zr mass content [%]	<0.00003	0.000030	0.00193	0.00406	<0.00003	0.0013		0.0025	0.0070			0.0046

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2xxx AlCu

	224/01	225/01	226/01	231/01	232/02	233/03	236/01	241/01	242/01	243/01	244/01	245
Si mass content [%]	0.76	1.10	0.57	0.295	0.395	0.30	0.206	0.075	0.10	0.17	0.25	0.010
Fe mass content [%]	0.25	0.58	0.20	0.300	0.501	0.41	0.203	0.100	0.13	0.22	0.30	1.28
Cu mass content [%]	4.60	4.78	5.31	5.05	4.28	4.32	5.79	3.38	4.13	4.80	5.78	3.00
Mn mass content [%]	0.90	1.00	0.69	0.100	0.81	0.51	0.052	0.10	0.031	0.051	0.190	0.0015
Mg mass content [%]	0.57	0.82	0.81	0.115	0.90	1.19	0.051	0.10	0.25	0.39	0.45	1.12
Cr mass content [%]	0.080	0.100	0.120	0.032	0.080	0.052	0.022	0.010	0.032	0.050	0.050	0.0007
Ni mass content [%]	0.011	0.041	0.030	0.031	0.020	0.013	0.022		0.011	0.032	0.100	0.600
Zn mass content [%]	0.055	0.150	0.026	0.150	0.102	0.21	0.054	0.012	0.031	0.080	0.044	0.1190
Ti mass content [%]	0.052	0.115	0.152	0.054	0.031	0.029	0.026	0.11	0.20	0.25	0.166	0.0113
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]	0.0050		0.0020									
Bi mass content [%]	0.0160		0.0085	0.57		0.21	0.48					
Ca mass content [%]												
Cd mass content [%]	0.018		0.0100			0.048	0.0048					
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]							0.0089					
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]						0.00007						
Mo mass content [%]												
Na mass content [%]												
P mass content [%]												
Pb mass content [%]	0.020		0.010	0.47	0.90	1.10	0.58					0.0485
Sb mass content [%]												
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]							0.051					0.0490
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]		0.050				0.013	0.012					
W mass content [%]												
Zr mass content [%]	0.150	0.040	0.080			0.010	0.010					0.1425

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2xxx AlCu

	245/01	246/01	251/01	252/01	252C/01	253/01	254/01	255/01	266	271/01	272/01	275/01
Si mass content [%]	0.15	0.145	0.15	0.20	0.882	0.38	0.25	0.10	0.516	0.19	0.097	0.090
Fe mass content [%]	0.22	0.312	0.19	0.10	0.2817	0.22	1.23	0.93	0.5240	0.307	0.206	0.205
Cu mass content [%]	6.20	6.70	1.95	3.40	3.75	4.10	2.68	2.15	4.88	4.47	5.22	4.78
Mn mass content [%]	0.31	0.35	0.022	0.012	0.784	0.052	0.060	0.105	0.395	0.206	0.104	0.053
Mg mass content [%]	0.315	0.024	0.55	1.35	0.529	1.75	1.62	1.90	0.185	0.075	0.162	0.036
Cr mass content [%]	0.022	0.020	0.010	0.028	0.0316	0.15	0.053		0.0030	0.012	0.012	0.010
Ni mass content [%]	0.020	0.020	0.50	1.75	0.0692	2.20	1.20	0.90	0.0032	2.05	1.75	1.73
Zn mass content [%]	0.050	0.100	0.018	0.015	0.1254	0.040	0.100	0.026	0.0585	0.012	0.022	0.012
Ti mass content [%]	0.11	0.12	0.064	0.046	0.0099	0.19	0.102	0.055	0.0275	0.158	0.197	0.158
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]												
Ca mass content [%]												
Cd mass content [%]												
Ce mass content [%]												
Co mass content [%]										0.203	0.103	0.104
Ga mass content [%]												
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]					<0.0001							
P mass content [%]												
Pb mass content [%]					0.0078				0.0550			
Sb mass content [%]										0.40	0.54	0.096
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]					0.0489				0.0270			
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]		0.095								0.015	0.026	0.016
W mass content [%]												
Zr mass content [%]		0.21			0.0283				0.1230	0.104	0.194	0.103

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Reference Material catalog - Suisse Technology Partners Ltd.

	2xxx AlCu				3xxx AlMn							
	276/01	288	960	AS20/02	1225	1227	137	138	151	152	312/01	313/01
Si mass content [%]	0.050	0.0860	0.586	0.204	(0.2)	(0.2)	(0.21)	(0.22)	(0.21)	(0.21)	0.100	0.140
Fe mass content [%]	0.096	0.1260	0.3200	0.310	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	0.36	0.50
Cu mass content [%]	5.30	5.10	3.76	4.65	(0.15)	(0.15)	(0.15)	(0.15)	(0.16)	(0.16)	0.19	0.100
Mn mass content [%]	0.251	0.1510	0.506	0.694	(1)	(1)	(1.3)	(1.3)	(1.3)	(1.3)	0.52	0.65
Mg mass content [%]	<0.001	0.0860	0.800	1.57	(1)	(0.9)	(1.2)	(1.2)	(1.2)	(1.2)	0.60	0.23
Cr mass content [%]	<0.001	0.0640	0.0630	0.104							0.048	0.031
Ni mass content [%]	1.02	0.0112	0.0310	0.052							0.030	0.022
Zn mass content [%]	<0.005	0.0540	0.0892	0.201							0.055	0.037
Ti mass content [%]	0.213	0.1340	0.0374	0.0562							0.030	0.020
Ag mass content [%]												
As mass content [%]							<0.00002	(0.0004)	(0.0175)	(0.0213)		
B mass content [%]					0.00260	0.00048						
Ba mass content [%]												
Be mass content [%]		0.0076	0.0022	0.00052								
Bi mass content [%]				0.050			0.00027	0.00153	0.00365	0.00021		
Ca mass content [%]				0.0006			0.00014	0.00035	0.00005	0.00011		
Cd mass content [%]				0.0013			0.00011	0.00113	0.0021	0.0106		
Ce mass content [%]												
Co mass content [%]	0.245			0.0012			0.00017	0.00058	0.00201	0.0099		
Ga mass content [%]				0.016								
Hg mass content [%]							0.00010	0.00043	0.00142	0.0064		
In mass content [%]												
La mass content [%]												
Li mass content [%]				0.00055			0.00002	0.00006	0.00060	0.00103		
Mo mass content [%]												
Na mass content [%]				(0.002)	0.00144	0.000019					0.0048 - 0.0053	0.0027 - 0.0033
P mass content [%]												
Pb mass content [%]		0.0115	0.0286	0.051			<0.0002	0.00125	<0.0002	0.0102	0.027	0.020
Sb mass content [%]	0.237						0.00009	0.00052	0.0016	0.0098		
Sc mass content [%]												
Se mass content [%]							<0.00002	<0.00002	<0.00002	<0.00002		
Sn mass content [%]		0.0120	0.0248	0.0125								
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.004	0.0600		0.0245			0.00012	0.00104	0.00158	0.00338		
W mass content [%]												
Zr mass content [%]	0.0002	0.0375	0.0312	0.140								

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Reference Material catalog - Suisse Technology Partners Ltd.

3xxx AlMn

	321/01	322/03	325/03	331/02	351/02	352/02	353/02	391C/01	758	905	975	9826
Si mass content [%]	0.348	0.105	0.51	0.242	(0.26)	(0.26)	(0.26)	0.0205	0.4824	0.2041	(0.2)	(0.3)
Fe mass content [%]	0.051	0.408	0.76	0.515	(0.46)	(0.48)	(0.46)	0.0463	0.1488	0.6785	(0.3)	(0.3)
Cu mass content [%]	0.100	0.0218	0.206	0.249	(0.15)	(0.15)	(0.15)	0.1980	0.5030	0.2962	(0.15)	(0.15)
Mn mass content [%]	0.76	1.05	1.18	0.900	(1.16)	(1.13)	(1.16)	1.483	0.908	0.412	(1)	(1)
Mg mass content [%]	0.110	0.0178	0.44	0.0430	(1.08)	(1.06)	(1.08)	0.0123	0.0992	0.1949	(1)	(0.9)
Cr mass content [%]	0.020	0.0053	0.050	0.195	(0.001)	(0.0007)	(0.001)	0.0905	0.0112	0.0416		
Ni mass content [%]	0.022	0.0009		0.0332	(0.003)	(0.003)	(0.003)	0.0258	0.0022	0.0103		
Zn mass content [%]	0.010	0.051	0.165	0.0188	(0.052)	(0.049)	(0.052)	0.0505	0.0224	0.1484		
Ti mass content [%]	0.15	0.011	0.099	0.0540	(0.025)	(0.019)	(0.025)	0.0847	0.0384	0.0101		
Ag mass content [%]												
As mass content [%]					0.00135	0.00142	0.0061					
B mass content [%]											0.0022	
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]		0.0020										
Ca mass content [%]												
Cd mass content [%]					0.0013	0.0021	0.0050					
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]												
Hg mass content [%]					0.00094	0.0022	0.0059					
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]	0.0011			(0.0002)				0.00003			0.00018	0.00081
P mass content [%]												
Pb mass content [%]	0.021	0.0041		0.0044	0.0025	0.0039	0.0053	0.0200	0.0051	0.0087		
Sb mass content [%]												
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]								0.0046	0.0298	0.0054		
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.031	0.0095	0.0021	0.0263	(0.011)	(0.010)	(0.011)					
W mass content [%]												
Zr mass content [%]		0.067		0.138	(0.005)	(0.005)	(0.005)	0.0011				

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Reference Material catalog - Suisse Technology Partners Ltd.

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	004	005/1	006/1	02002	1005	1043	1045	1206	1775	1947	1948	1949/1
Si mass content [%]	(18)	(18)	(18)	(9.2)	2.14	5.03	8.02	3.00	12.05	(12)	(12)	(12)
Fe mass content [%]	(0.1)	(0.1)	(0.1)	(0.3)	0.351	0.012	0.287	0.795	0.306	(0.1)	(0.1)	(0.1)
Cu mass content [%]	(1)	(1)	(1)	(5.5)	0.1011	0.0061	0.0610	4.29	0.0570	(1.4)	(1.4)	(1.5)
Mn mass content [%]				(0.1)	0.402	0.2170	0.0057	0.037	0.371			
Mg mass content [%]	(1.2)	(1.2)	(1.2)	(2)	0.573	0.840	0.112	0.570	0.0265	(1.2)	(1.2)	(1.2)
Cr mass content [%]				(0.2)	0.0609				0.0127			
Ni mass content [%]	(1)	(1)	(1)	(3.6)	0.0914	0.0193	0.0500	0.301	0.0975	(1.1)	(1.1)	(1.1)
Zn mass content [%]				0.0036	0.051	0.0315	0.0870	0.154	0.1285			
Ti mass content [%]	(0.1)	(0.1)	(0.1)	(0.1)	0.070	0.0425	0.2550	0.093	0.0480	(0.1)	(0.1)	(0.1)
Ag mass content [%]												
As mass content [%]												
B mass content [%]				0.0009								
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]												
Ca mass content [%]	0.00019	0.00345	0.00890							0.00010	0.00350	0.00735
Cd mass content [%]					0.0040							
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]												
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]	0.00003	0.00086	0.00245							<0.000005	0.00126	0.00292
P mass content [%]												
Pb mass content [%]				0.0042	0.021	0.0195	0.1000	0.100	0.0307			
Sb mass content [%]				0.0166	0.0026	0.010	0.451	0.025	0.1920			
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]				0.0043	0.091	0.0480	0.0780	0.196	<0.0015			
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]				(0.1)								
W mass content [%]												
Zr mass content [%]				0.057								

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Reference Material catalog - Suisse Technology Partners Ltd.

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	1949/2	1950/1	1950/2	411/04	412/08	413/05	414/05	415/03	416/04	422/03	423/03	426/02
Si mass content [%]	(12)	(12)	(12)	9.60	10.26	11.29	11.7	12.80	13.43	9.41	11.2	7.46
Fe mass content [%]	(0.1)	(0.1)	(0.1)	0.134	0.375	0.191	0.40	0.180	0.690	0.190	0.210	0.22
Cu mass content [%]	(1.5)	(1.4)	(1.4)	0.0102	0.037	0.023	0.102	0.054	0.190	0.020	0.0094	0.0057
Mn mass content [%]				0.0243	0.156	0.026	0.25	0.096	0.386	0.107	0.062	0.011
Mg mass content [%]	(1.2)	(1.3)	(1.3)	0.0105	0.25	0.097	0.490	0.500	0.287	0.346	0.246	0.59
Cr mass content [%]				0.0106	0.031	0.0051	0.010	0.0300	0.049	0.019	0.010	0.0015
Ni mass content [%]	(1.1)	(1.1)	(1.1)	0.0129	0.024	0.0044	0.013	0.050	0.096	0.022	0.011	0.0026
Zn mass content [%]				0.0156	0.051	0.0133	0.096	0.036	0.048	0.052	0.021	0.013
Ti mass content [%]	(0.1)	(0.1)	(0.1)	0.0154	0.111	0.053	0.069	0.055	0.028	0.049	0.028	0.127
Ag mass content [%]												
As mass content [%]												
B mass content [%]										<0.0002		
Ba mass content [%]												
Be mass content [%]									0.0010			
Bi mass content [%]					0.0046			0.0084				
Ca mass content [%]	0.00755	0.01230	0.01230	0.00044 - 0.000	0.0089	0.0012	0.0039	0.018	0.0022 - 0.0025	0.0088	0.0009	(0.0019)
Cd mass content [%]							0.0013				0.0035	0.0019
Ce mass content [%]												
Co mass content [%]							0.0092	0.050	0.020	0.401	0.220	
Ga mass content [%]						0.0044	0.0041	0.0088	0.0080	0.010	0.0037	
Hg mass content [%]							0.0004				0.0011	(0.001)
In mass content [%]												
La mass content [%]												
Li mass content [%]							0.00056		0.0004		0.0002	
Mo mass content [%]												
Na mass content [%]	0.00320	0.00510	0.00552	0.0041 - 0.0052	0.0015	0.0005	0.00017	(0.007)	0.0125 - 0.0165	0.0036 - 0.0040	0.0007	
P mass content [%]				(0.0009)	0.0068	0.0011	0.0028	0.0020	0.0023 - 0.0028	0.0015	0.0011	
Pb mass content [%]				0.0050	0.0114	0.0035	0.0017	0.051	0.019	0.0047	0.0013	0.019
Sb mass content [%]						0.0054	0.0016	0.017	0.0042	0.0047	0.0097	0.18
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]				0.0051		0.0016	0.0047	0.048	0.016	0.0030	0.0060	0.019
Sr mass content [%]					0.0215	0.056	0.033	0.0006	0.0101 - 0.0106		0.0005	
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]				0.0056		0.0057	0.0096	0.020	0.0098	0.0083	0.0117	0.0022
W mass content [%]												
Zr mass content [%]				0.0051		0.0050	0.010		0.0201	0.0098	0.0067	

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Reference Material catalog - Suisse Technology Partners Ltd.

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	427/01	431/02	432/02	433/04	434/03	436/02	437/01	441/04	442/04	445C/01	451/04	452/02
Si mass content [%]	8.93	7.91	9.33	11.96	12.9	11.05	17.8	6.82	8.03	10.34	6.93	6.96
Fe mass content [%]	0.32	0.091	0.18	0.306	0.33	0.575	0.19	0.98	0.73	0.873	0.120	0.121
Cu mass content [%]	0.004	0.69	0.90	1.44	1.74	1.11	3.94	3.92	3.31	2.97	0.051	0.0039
Mn mass content [%]	0.146	0.053	0.105	0.154	0.20	0.240	0.004	0.40	0.52	0.213	0.0077	0.0121
Mg mass content [%]	0.013	0.55	0.80	1.25	1.45	1.07	1.03	0.32	0.142	0.314	0.63	0.63
Cr mass content [%]	(0.001)	0.011	0.021	0.047	0.103	0.0113	0.002	0.031	0.030	0.0272	0.0022	0.0015
Ni mass content [%]	0.0020	0.51	0.75	1.05	1.49	0.779	1.00	0.097	0.045	0.336	0.0049	0.0026
Zn mass content [%]	0.014	0.025	0.054	0.201	0.129	0.484	0.008	1.97	1.04	0.290	0.0054	0.0014
Ti mass content [%]	0.0132	0.018	0.039	0.053	0.114	0.079	0.006	0.148	0.121	0.107	0.093	0.097
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]											0.0005	0.0004
Bi mass content [%]												
Ca mass content [%]		0.0069	0.0042	0.0052	0.015	0.0022 - 0.0027		0.0063	0.0057	0.0018	0.0012	0.0017
Cd mass content [%]						0.0016					0.0007	
Ce mass content [%]												
Co mass content [%]						0.0015						
Ga mass content [%]											0.0079	0.0073
Hg mass content [%]						0.0027					0.0007	
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]		0.0014	0.0040	0.0082	0.0079	0.0003		0.0016	0.0017 - 0.0027	0.0020	0.0007 - 0.0010	0.0009
P mass content [%]			0.0006	0.0012	(0.0012)		<0.0005	0.0008	(0.0020)	0.0021	0.0016	0.0019
Pb mass content [%]				0.019	0.0074	0.101		0.193	0.14	0.0507	0.0016	0.0013
Sb mass content [%]	0.37			0.0046		0.0022				0.0018		
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]				0.0086	0.0054	0.0077		0.195	0.141	0.195	0.0009	0.0013
Sr mass content [%]		0.13	0.055	0.050	0.027	0.0021 - 0.0028		0.0005			0.0184 - 0.0204	0.0002
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0044	0.017	0.0037	0.0157	0.0143	0.0155	0.0045	0.021	0.021	0.0393	0.0048	0.0051
W mass content [%]												
Zr mass content [%]				0.0197	0.0112	0.0301		0.097	0.058		0.0014	0.0008

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	453/01	454/02	455/01	456/01	461/01	462/02	465/01	471/02	472/02	473/02	6009	6052
Si mass content [%]	6.48	7.46	8.06	5.89	12.28	11.3	9.18	15.8	17.7	19.6	7.95	(7.1)
Fe mass content [%]	0.179	0.095	0.33	0.53	0.454	0.816	0.566	0.84	1.43	0.194	0.592	(0.1)
Cu mass content [%]	0.022	0.011	0.053	0.104	0.345	1.96	0.095	4.90	4.02	0.96	0.0350	
Mn mass content [%]	0.0522	0.030	0.103	0.202	0.489	0.402	0.404	0.113	0.321	0.062	0.152	
Mg mass content [%]	0.345	0.429	0.54	0.250	0.131	0.189	0.332	0.637	0.344	1.08	0.4340	(0.3)
Cr mass content [%]	0.0123	0.0073	0.0326	0.053	0.0532	0.049	0.027	0.052	0.035	0.013	0.0117	
Ni mass content [%]	0.0118	0.0072	0.055	0.0240	0.248	0.190	0.051	0.102	0.498	1.20	0.0490	
Zn mass content [%]	0.0184	0.0338	0.053	0.154	0.152	1.21	0.104	0.115	0.321	0.51	0.0330	
Ti mass content [%]	0.068	0.151	0.0419	0.115	0.104	0.150	0.172	0.178	0.103	0.059	0.0845	(0.01)
Ag mass content [%]												
As mass content [%]					<0.0001	<0.0002						
B mass content [%]					<0.0005	<0.0005						
Ba mass content [%]												
Be mass content [%]		<0.0001			0.0051	0.00050	0.00095					
Bi mass content [%]			0.0044		0.0092	0.0062						
Ca mass content [%]	0.0070	0.0031			0.0023	0.0015	0.0065	0.0050	0.0070	0.0020		
Cd mass content [%]					<0.00002	<0.0001						
Ce mass content [%]												
Co mass content [%]						0.0047						
Ga mass content [%]		0.017			0.0076	0.0113	0.0078	0.0098	0.0113	0.008		
Hg mass content [%]						<0.0002						
In mass content [%]												
La mass content [%]												
Li mass content [%]						0.0003						
Mo mass content [%]												
Na mass content [%]			0.0031		0.0019	0.0008	0.0013					
P mass content [%]		0.0011	0.0022	0.0028		(0.003)	(0.004)	0.0019	0.0022	0.0043		0.00210
Pb mass content [%]	0.0039		0.0104	0.0060	0.0190	0.210	0.050	0.054	0.117	0.086	0.0064	
Sb mass content [%]	0.0023			0.0028	0.0030	0.0108					0.0460	
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]	0.0029		0.0052	0.0103	0.0201	0.0185	0.050	0.053	0.094	0.29	0.0293	
Sr mass content [%]	(0.072)			0.0460		0.0087						
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0110	0.0103	0.021	0.0112	0.0141	0.0092	0.010	0.077	0.057	0.020		
W mass content [%]												
Zr mass content [%]	0.0099	0.0107	0.0100	0.0053	0.0193	0.0049	0.0097	0.058	0.0192	0.0076		

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

4xxx AISi

	6075	6076/1	6076/2	8035	8041	8054/1	813	907	932	9331	9506	9507
Si mass content [%]	(5)	(5)	(5)	(7)	(9.5)	(9.7)	1.26	6.54	(7)	9.68	(12)	(12)
Fe mass content [%]	(0.1)	(0.1)	(0.1)	(0.1)	(0.14)	(0.11)	0.3970	0.198	(0.1)	0.129	(0.5)	(0.5)
Cu mass content [%]	(3)	(3)	(3)				0.0080	1.00		0.0021	(1.2)	(1.2)
Mn mass content [%]							0.0044	0.356		0.925		
Mg mass content [%]	(0.3)	(0.3)	(0.3)	(0.4)	(0.4)	(0.4)	0.0002	0.018	(0.4)	0.6082	(1)	(1)
Cr mass content [%]							0.1249			0.0007		
Ni mass content [%]							0.0023	0.0303		0.0013	(0.9)	(0.9)
Zn mass content [%]							0.0052	0.498		0.0048		
Ti mass content [%]	(0.1)	(0.1)	(0.1)	(0.1)	(0.09)	(0.1)	0.0055	0.030	(0.1)	0.0122	(0.1)	(0.1)
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]												
Ca mass content [%]	0.00973	0.00595	0.00595	0.00057	0.00090	0.01425			0.0050 - 0.0081			
Cd mass content [%]												
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]												
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]	0.00939	0.00480	0.00505	<0.0002	0.00053	0.00806			0.0054 - 0.0127			
P mass content [%]	0.00038	0.00034	0.00034		0.00333	0.00020					0.0160	0.0165
Pb mass content [%]							0.0005	0.0017		0.0194		
Sb mass content [%]								0.069		0.0942		
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]							0.0005	0.030		0.0186		
Sr mass content [%]				0.0801					0.0140 - 0.0211			
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]												
W mass content [%]												
Zr mass content [%]												

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

4xxx AISi

	9524	9526	9528	9530	9531	9533	9534	9536	9618	9619	9621	9626
Si mass content [%]	11.69	10.73	9.22	13.31	13.63	5.88	11.88	11.91	14.08	13.70	11.35	11.33
Fe mass content [%]	0.086	0.347	0.556	0.724	0.722	0.151	1.204	1.238	0.293	0.293	0.464	0.471
Cu mass content [%]	0.50	1.43	1.99	0.98	0.97	4.92	0.98	0.98	0.1564	0.1529	0.0260	0.0249
Mn mass content [%]	0.257	0.140	0.055	0.006	0.006	0.693	0.038	0.039	0.146	0.145	0.327	0.327
Mg mass content [%]	0.49	1.27	1.75	0.86	0.84	0.037	0.126	0.129	0.193	0.193	0.0521	0.0507
Cr mass content [%]						0.150	0.0108	0.0122	0.0100	0.0099	0.0377	0.0382
Ni mass content [%]	0.53	0.81	1.50	1.04	1.01	0.0240	0.1389	0.1370	0.0042	0.0043	0.0572	0.0579
Zn mass content [%]	0.148	0.061	0.022	0.240	0.238	0.683	0.049	0.049	0.0039	0.0037	0.0919	0.0931
Ti mass content [%]	0.019	0.105	0.197	0.007	0.007	0.189	0.016	0.017	0.0132	0.0136	0.1623	0.1510
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]									0.00253	0.00252	0.00096	0.00096
Bi mass content [%]												
Ca mass content [%]												
Cd mass content [%]												
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]												
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]												
P mass content [%]												
Pb mass content [%]	(0.098)	0.0578	0.0204	0.0080	0.0080	0.013	0.134	0.133	0.0907	0.0906	0.0177	0.0178
Sb mass content [%]	0.0331	0.0171	0.0092	0.0030	0.0029	0.023	0.0004	0.0005	0.0186	0.0160	0.0076	0.0074
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]	(0.0984)	0.0579	0.0200	0.0079	0.0077	0.347	0.076	0.075	0.0579	0.0587	0.0944	0.0936
Sr mass content [%]									0.0451	0.0450	0.1127	0.1118
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]												
W mass content [%]												
Zr mass content [%]												

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

4xxx AISi

	9704	9706	9709	9711	9714	9716	9718	9720	977	9813/2	9906	9913
Si mass content [%]	(6.9)	(7)	(7.1)	(6.9)	(9.2)	(9.6)	(9.2)	(9.4)	(9.5)	(11)	3.92	(7)
Fe mass content [%]	(0.04)	(0.2)	(0.08)	(0.16)	(0.04)	(0.18)	(0.08)	(0.11)	(0.2)	(0.2)	0.423	(0.1)
Cu mass content [%]	(0.42)									(1.4)	0.0132	
Mn mass content [%]											0.034	
Mg mass content [%]		(0.39)	(0.4)	(0.39)	(0.3)	(0.32)	(0.31)	(0.26)	(0.4)	(1.3)	0.928	(0.4)
Cr mass content [%]											0.0114	
Ni mass content [%]										(1.1)	0.0378	
Zn mass content [%]											0.0033	
Ti mass content [%]	(0.12)	(0.13)	(0.1)	(0.1)	(0.11)	(0.15)	(0.1)	(0.1)	(0.1)	(0.1)	0.0259	(0.1)
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]												
Bi mass content [%]												
Ca mass content [%]									0.0022			0.00311
Cd mass content [%]											0.0043	
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]	0.0395	0.0035	0.0168	0.0091	0.0409	0.0032	0.0166	0.0089				
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]									0.0009			0.00355
P mass content [%]									0.0017	0.0031		
Pb mass content [%]											0.0023	
Sb mass content [%]	0.0194	0.00046	0.0115	0.0063	0.0148	0.00010	0.0115	0.0060				
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]											0.0003	
Sr mass content [%]										0.0034		0.0454
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]												
W mass content [%]												
Zr mass content [%]												

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	003	200	201	202	203	212	2330	2340	2350	511/01	512/02	513/02
Si mass content [%]	0.350	(0.14)	(0.15)	(0.13)	(0.12)	(0.1)	0.029	0.097	0.197	0.022	0.0377	0.0057
Fe mass content [%]	0.610	(0.26)	(0.31)	(0.28)	(0.28)	(0.2)	0.039	0.189	0.374	0.023	0.0306	0.0056
Cu mass content [%]	0.0065						0.1484	0.1007	0.0517	0.022	0.0126	0.0033
Mn mass content [%]	0.0420	(0.36)	(0.38)	(0.37)	(0.37)		0.2494	0.0016	0.0506	0.0045	0.0107	0.0010
Mg mass content [%]	0.41	(4.8)	(4.6)	(4.6)	(4.8)	(0.8)	1.324	1.009	0.669	0.20	0.498	0.98
Cr mass content [%]	0.0600						0.0002	0.0510	0.0985	0.006	0.0107	0.0010
Ni mass content [%]	0.0290						0.0015	0.0208	0.0519	0.005	0.0117	0.0012
Zn mass content [%]	0.0180						0.1485	0.0979	0.0498	0.007	0.0116	0.0035
Ti mass content [%]	0.0540						0.1115	0.0562	0.0231	0.0051	0.0135	0.0030
Ag mass content [%]												
As mass content [%]		0.0031	(0.0037)	0.0006	(0.0037)						0.0016	
B mass content [%]		0.00162	0.0037	0.00013	0.00009	0.00011						
Ba mass content [%]												
Be mass content [%]							0.00295	0.00127	0.00044		0.00092	
Bi mass content [%]												
Ca mass content [%]		(0.00062)	(0.0007)	(0.00004)	(0.00024)	0.00018						
Cd mass content [%]		0.00226	0.0117	0.00013	<0.00003						0.0010	
Ce mass content [%]												
Co mass content [%]		0.00212	0.0095	0.00015	0.00051							
Ga mass content [%]											0.0042	
Hg mass content [%]		0.00232	0.0137	0.00017	<0.00005						0.0036	
In mass content [%]												
La mass content [%]												
Li mass content [%]		0.00141	0.0094	0.000009	0.00006							
Mo mass content [%]		0.00010	0.0075	0.00014	<0.0001							
Na mass content [%]												
P mass content [%]												
Pb mass content [%]	0.0205						0.0213	0.0302	0.0106		0.00126	
Sb mass content [%]		0.00146	0.0093	0.000009	0.000013						0.0014	
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]	0.0300						0.0512	0.0996	0.0203		0.0012	
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0145	0.00113	0.00040	0.00193	0.000024		0.0190	0.0349	0.0273		0.0057	0.0012
W mass content [%]												
Zr mass content [%]							0.0868	0.0455	0.0190		0.0052	0.0010

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	514/01	514/02	516/01	521/01	521/02	522/03	523/01	524/04	525/04	531/02	532/01	533/03
Si mass content [%]	0.068	0.0660	0.002	0.030	0.053	0.203	0.087	0.403	0.220	0.140	0.009	0.319
Fe mass content [%]	0.0075	0.0629	0.005	0.033	0.056	0.197	0.084	0.500	0.313	0.149	0.011	0.216
Cu mass content [%]	0.0010	0.0110	0.001	0.011	0.0104	0.0300	0.0011	0.100	0.066	0.078	0.012	0.0544
Mn mass content [%]		0.0305	0.001	0.030	0.0289	0.102	0.150	0.199	0.285	0.249	0.0009	0.102
Mg mass content [%]	2.42	2.42	3.8	0.51	0.493	1.01	1.51	2.00	2.87	3.72	4.33	5.03
Cr mass content [%]		0.0055	0.001	0.005	0.0054	0.0158	0.105	0.176	0.327	0.052	0.0050	0.102
Ni mass content [%]		0.0062	0.002		0.0049	0.0103	0.0097	0.0290	0.028	0.053	0.0043	0.0117
Zn mass content [%]		0.0219	0.002	0.049	0.115	0.0219	0.012	0.0586	0.035	0.154	0.0008	0.0311
Ti mass content [%]		0.0241	<0.0005	0.005	(0.0033)	0.0104	0.110	0.0614	0.029	0.101	0.0005	0.0188
Ag mass content [%]												
As mass content [%]		<0.0001										
B mass content [%]					(0.0025)							(0.0007)
Ba mass content [%]												
Be mass content [%]		0.0020	0.0005			0.0039		0.0010	0.00053	0.0021	0.00050	0.0041
Bi mass content [%]		0.0019					0.0090	0.0010	0.024	0.0183		0.0009
Ca mass content [%]			0.0010			0.0010		0.0020	0.0007			0.0019 - 0.0023
Cd mass content [%]		0.0020	0.001			0.0010		0.0022	0.0008			0.0015
Ce mass content [%]												
Co mass content [%]			0.0006		0.0045							
Ga mass content [%]		0.0081	0.001			0.0051			0.021		0.0015	
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]			0.0002					0.00024	0.0015	0.00064		0.00022
Mo mass content [%]												
Na mass content [%]		0.0014	0.0001	0.0019 - 0.0025	0.0019 - 0.0022	0.0011		0.0029	0.0013	0.0010 - 0.0012	(0.006)	0.0032 - 0.0035
P mass content [%]					0.0028			0.0011			0.0012	
Pb mass content [%]		0.0035	0.001			0.0039	0.020	0.0068	0.021	0.0104	0.0044	0.0022
Sb mass content [%]		0.0030						0.0007	0.004			
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]		0.0032	0.001					0.0025	0.016		0.0038	0.0011
Sr mass content [%]												0.0010
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]		0.0100	<0.001			0.0027	0.0172	0.0072	0.018	0.0083	0.0003	0.0062
W mass content [%]												
Zr mass content [%]		0.0050	0.001					0.0042	0.0058		<0.0002	0.0055

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	535/01	536/01	537/02	537C/01	538C/01	542/01	544/01	545/02	547/01	551/02	551/03	552/01
Si mass content [%]	0.044	0.120	0.224	0.091	0.050	0.200	0.055	0.142	0.155	0.23	0.246	0.150
Fe mass content [%]	0.051	0.24	0.330	0.249	0.059	0.290	0.141	0.296	0.406	0.060	0.060	0.105
Cu mass content [%]	0.030	0.031	0.0189	0.252	0.0494	0.045	0.010	0.029	0.104	0.140	0.137	0.095
Mn mass content [%]	0.118	0.305	0.450	0.147	0.617	0.81	1.04	0.802	0.702	1.08	1.10	0.80
Mg mass content [%]	5.88	4.40	4.76	5.83	4.70	4.08	5.51	5.49	4.58	1.42	1.40	1.54
Cr mass content [%]	0.051	0.055	0.0104	0.0045	0.141	0.146	0.048	0.153	0.158	0.30	0.338	0.200
Ni mass content [%]	0.010	0.010	0.0066	0.0508	0.0188		0.019	0.0100	0.011	<0.001	0.0031	<0.001
Zn mass content [%]	0.100	0.052	0.0154	0.1016	0.0298	0.054	0.011	0.0216	0.065	0.100	0.100	0.065
Ti mass content [%]	0.010	0.049	0.0036	0.0192	0.0409	0.0115	0.053	0.105	0.099	0.010	0.0117	
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]	0.014		0.0005	0.00066	0.00025				0.0011			
Bi mass content [%]		(0.0019)	0.0012						0.0036			
Ca mass content [%]			0.0023	0.00174		(0.0075)			0.0004 - 0.0007			
Cd mass content [%]			0.0011	0.0020					0.0049			
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]			0.0298	0.0049					0.013			
Hg mass content [%]				0.0023								
In mass content [%]												
La mass content [%]												
Li mass content [%]			0.00041	<0.00005		0.0014	0.0006	0.0006	0.00030 - 0.000	0.0015	0.0014	0.0015
Mo mass content [%]												
Na mass content [%]	0.0063		0.0023	0.00045	0.0003	(0.003)	0.00140	0.00135	0.00150 - 0.002	(0.0045)	0.0027	(0.0034)
P mass content [%]												
Pb mass content [%]	0.020		0.0023	0.0100	0.0056	0.009			0.0057	0.019	0.0186	
Sb mass content [%]												
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]			0.0015	0.0204	0.0093	0.011		0.011	0.0055			0.020
Sr mass content [%]			0.0007									
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]			0.0102	0.0051		0.010			0.012	0.022	0.0215	0.020
W mass content [%]												
Zr mass content [%]			0.0041	0.0458	0.0154				0.0056			

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	552/02	553/01	554/01	554/02	555/03	556/01	561/01	565/03	571/01	572/01	573/01	574/02
Si mass content [%]	0.144	0.039	0.26	0.258	0.419	0.24	1.17	1.84	0.14	0.42	0.221	0.096
Fe mass content [%]	0.097	0.202	0.30	0.321	0.404	0.495	0.253	0.50	0.15	0.307	0.198	0.106
Cu mass content [%]	0.099	0.048	0.040	0.052	0.107	0.019	0.0245	0.050	0.100	0.019	0.0105	0.046
Mn mass content [%]	0.798	0.500	1.17	1.03	0.516	0.80	0.280	0.437	0.20	0.195	0.112	0.026
Mg mass content [%]	1.95	1.48	2.74	2.64	3.01	3.29	2.75	7.01	6.50	7.87	8.97	9.88
Cr mass content [%]	0.198	0.106	0.030	0.0321	0.105	0.25	0.025		0.012			0.0043
Ni mass content [%]	0.0048	<0.001	0.0010	0.0086	0.011	0.0105	0.0458		0.015			0.0044
Zn mass content [%]	0.061	0.021	0.100	0.110	0.101	0.030	0.021	0.031	0.062	0.126	0.051	0.024
Ti mass content [%]	0.0100	0.032	0.046	0.0466	0.094	0.154	0.0120	(0.21)	0.054	0.064	0.16	0.097
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]	0.0010			0.0024			0.0121	0.0099		0.0050	0.0080	0.013
Bi mass content [%]					0.017							
Ca mass content [%]	(0.0009)											
Cd mass content [%]	0.0022			0.0051			0.0009					
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]							0.019					
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]	0.00045	0.0005		0.00017		0.0007						
Mo mass content [%]												
Na mass content [%]	0.0016	(0.0027)	(0.0075)	0.0039 - 0.0047	0.0004	0.00110	(0.0043)					
P mass content [%]												
Pb mass content [%]	0.0038	0.020		0.0091	0.010		0.0444					0.014
Sb mass content [%]												
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]	0.0187			0.0124			0.0323					0.016
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0092	0.0245		0.0088	0.0083		0.0170					0.0070
W mass content [%]												
Zr mass content [%]	0.0050				0.0092							

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

	5xxx AlMg					6xxx AlMgSi, AlSiMg							
	6036	6038	6083	AS50/01	AS60/01	6063/H1	611/01	611/03	612/02	613/08	614/05	618/01	
Si mass content [%]	0.102	0.172	(0.5)	0.220	0.639	0.64	0.30	0.198	0.315	0.413	0.630	0.500	
Fe mass content [%]	0.276	0.109	(0.2)	0.347	0.253	0.360	0.09	0.069	0.132	0.268	0.246	0.201	
Cu mass content [%]	0.0065	0.1507		0.084	0.0330	0.105	0.0016	0.0012	0.0101	0.0101	0.0299	0.0364	
Mn mass content [%]	0.383	0.889		0.85	0.0397	0.159	0.0003	0.0020	0.0065	0.0193	0.0518	0.0895	
Mg mass content [%]	2.07	3.00	(0.5)	4.50	0.794	0.93	0.21	0.211	0.316	0.399	0.616	0.588	
Cr mass content [%]	0.1248	0.0444		0.100	0.0258	0.041	0.001	0.0010	0.0030	0.0050	0.0209	0.0087	
Ni mass content [%]	0.0487	0.0021		0.030	0.0113	0.052	<0.001	0.0016	0.0009	0.0044	0.0095	0.0050	
Zn mass content [%]	0.0936	0.0583		0.101	0.0259	0.105	0.0016	0.0013	0.0031	0.0087	0.0523	0.0134	
Ti mass content [%]	0.0527	0.1035		0.040	0.0216	0.105	0.002	0.0015	(0.0023)	0.0146	0.0303	0.0225	
Ag mass content [%]													
As mass content [%]													
B mass content [%]			0.00899					0.0002	(0.0006)		0.0020	0.0033	
Ba mass content [%]													
Be mass content [%]	0.00096	0.00222		0.0050					0.0023	0.0011			
Bi mass content [%]				0.0173	0.0048						0.0036	0.0078	0.0140
Ca mass content [%]								0.0017		0.0005	0.0011 - 0.0014	(0.0006)	
Cd mass content [%]						0.0026		0.0058		0.0035	0.0016		
Ce mass content [%]													
Co mass content [%]								0.0010			0.0041		
Ga mass content [%]										0.0172		0.0117	
Hg mass content [%]								0.0108		0.0015	0.0033		
In mass content [%]													
La mass content [%]													
Li mass content [%]				0.0006				0.00065 - 0.000		0.0006	0.0003		
Mo mass content [%]													
Na mass content [%]	0.00034	0.00009	0.00369	0.0011				<0.0001		0.0004	0.0007 - 0.0011		
P mass content [%]								0.0018	0.0005	0.0012	0.0032		
Pb mass content [%]	0.0195	0.0502	0.00660	0.009	0.0058	0.0033		0.0009	0.0027	0.0107	0.0052	0.0026	
Sb mass content [%]					0.0045					0.0085	0.0035		
Sc mass content [%]													
Se mass content [%]													
Sn mass content [%]	0.0023	0.0009			0.0036	0.0027		0.0010		0.0111	0.0055	0.0148	
Sr mass content [%]													
Ta mass content [%]													
Tl mass content [%]													
V mass content [%]				0.026	0.0147	0.0205	0.001	0.0004	(0.0048)	0.0109	0.0166	0.0169	
W mass content [%]													
Zr mass content [%]	0.0504	0.0024				0.0194		0.0010		0.0044	0.0016	0.0013	

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

6xxx AlMgSi, AlSiMg

	621/01	622/01	623/01	624/01	631/01	632/02	633/01	634/02	635/03	637C/01	651/02	661/02
Si mass content [%]	2.02	2.90	3.96	4.95	0.53	0.680	0.98	1.05	1.29	1.569	0.583	0.619
Fe mass content [%]	0.080	0.16	0.22	0.25	0.105	0.203	0.340	0.425	0.276	0.377	0.187	0.306
Cu mass content [%]	0.010	0.030	0.047	0.078	0.0105	0.029	0.039	0.085	0.049	0.379	0.301	0.057
Mn mass content [%]	0.050	0.15	0.23	0.340	0.505	0.421	0.275	0.759	1.03	0.304	0.296	0.050
Mg mass content [%]	0.29	0.41	0.50	0.61	0.515	0.475	0.73	0.840	0.748	1.468	0.91	0.717
Cr mass content [%]	0.0065	0.010	0.019	0.029	0.103	0.0206		0.031	0.059	0.3514	0.0100	0.052
Ni mass content [%]	<0.001		<0.001	<0.001	0.010	0.0066		0.033	0.052	0.1026	0.0065	0.0032
Zn mass content [%]	0.024	0.040	0.060	0.105	0.018	0.0515	0.130	0.032	0.147	0.0011	0.051	0.113
Ti mass content [%]	0.056	0.070	0.10	0.16	0.0078	0.029	0.056	0.071	0.044	0.0648	0.013	0.051
Ag mass content [%]												
As mass content [%]									0.0026			
B mass content [%]												(0.0001)
Ba mass content [%]												
Be mass content [%]	0.018								0.0006			
Bi mass content [%]								0.0028			0.495	
Ca mass content [%]	0.005	0.007	0.0080	0.0104		0.0003			0.0008			
Cd mass content [%]									0.0008		0.027	
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]										0.0495		
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]							0.00030		0.0008			
Mo mass content [%]												
Na mass content [%]					(0.0004)	0.00055		0.0013 - 0.0015	0.0015			0.0004
P mass content [%]								0.0008				0.0024
Pb mass content [%]					0.006	0.0055		0.0021	0.0064	0.0200	0.394	0.0025
Sb mass content [%]								0.0004	0.0027			
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]							0.0050	0.0009	0.0048	0.0022		
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0045	0.0066	0.0115	0.016		0.0022	0.0095	0.0152	0.0147	0.0291	0.0069	0.080
W mass content [%]												
Zr mass content [%]								0.0013	0.0048	0.0515		0.0012

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

	6xxx AlMgSi, AlSiMg			7xxx AlZn								
	662/02	666/01	849	10838	10839	10840	10841	10843	248	6018	711/02	712/02
Si mass content [%]	0.700	1.41	0.613	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	0.460	0.027	0.40	0.131
Fe mass content [%]	0.320	0.52	0.613	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	0.375	0.264	0.452	0.191
Cu mass content [%]	0.212	1.47	0.753	0.76	2.32	(1.6)	(1.6)	(1.6)	0.258	1.47	0.049	0.0295
Mn mass content [%]	0.070	0.60	0.0504	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.418	0.165	0.204	0.158
Mg mass content [%]	0.601	0.80	0.629	(2.8)	(2.8)	2.15	3.60	(2.8)	1.49	2.26	4.45	3.64
Cr mass content [%]	0.147	0.17	0.1308	(0.15)	(0.15)	(0.15)	(0.15)	(0.15)	0.056	0.294	0.0092	
Ni mass content [%]	0.0012		0.0060						0.035	0.0302		
Zn mass content [%]	0.100	0.10	0.2497	(7.8)	(7.8)	(7.8)	(7.8)	6.40	4.90	5.42	1.30	2.29
Ti mass content [%]	0.0048	0.051	0.0043	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.153	0.0710	0.106	0.027
Ag mass content [%]												
As mass content [%]												
B mass content [%]	0.0003											
Ba mass content [%]												
Be mass content [%]			0.00010	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	0.0002	0.0036	0.0050	0.0022
Bi mass content [%]												
Ca mass content [%]	0.0013											
Cd mass content [%]										0.0178		
Ce mass content [%]												
Co mass content [%]												
Ga mass content [%]			0.0258									
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]												
Mo mass content [%]												
Na mass content [%]	0.0006									0.00090		
P mass content [%]												
Pb mass content [%]	0.0050		0.0015						0.100	0.0285		
Sb mass content [%]	0.0053											
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]	0.0052		0.0203	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	0.101	0.0274		
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]	0.0042		0.0122	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)		0.0251		
W mass content [%]												
Zr mass content [%]	0.0028		0.1164						0.055	0.0160		

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

7xxx AlZn

	713/01	714/02	715/02	716/02	721/01	722/01	723/01	724/02	731/01	732/01	733/03	734/02
Si mass content [%]	0.33	0.10	0.20	0.10	0.10	0.18	0.30	0.366	0.15	0.20	0.104	0.250
Fe mass content [%]	0.35	0.10	0.60	0.26	0.20	0.24	0.33	0.430	0.19	0.24	0.142	0.360
Cu mass content [%]	0.10	0.0105	0.30	0.051	0.05	0.08	0.115	0.149	0.58	0.99	1.45	2.07
Mn mass content [%]	0.53	0.013	0.351	0.50	0.15	0.35	0.50	0.190	0.15	0.20	0.282	0.51
Mg mass content [%]	1.67	0.98	0.45	3.50	0.81	1.23	1.80	2.66	1.23	2.06	2.36	3.00
Cr mass content [%]	0.19	0.092	(0.33)	0.036	0.09	0.14	0.22	0.158	0.019	0.045	0.258	0.18
Ni mass content [%]		0.011	0.050	0.050	0.011	0.030	0.052	0.097			0.017	0.052
Zn mass content [%]	4.60	3.65	5.40	4.50	3.70	4.24	4.69	4.84	4.00	4.45	5.02	6.16
Ti mass content [%]	0.017	0.057	0.15	0.033	0.010	0.015	0.035	0.093	0.008	0.016	0.021	0.035
Ag mass content [%]												
As mass content [%]												
B mass content [%]												
Ba mass content [%]												
Be mass content [%]		0.0005		0.0010							0.0010	
Bi mass content [%]								0.0038				
Ca mass content [%]								0.0009				
Cd mass content [%]												
Ce mass content [%]												
Co mass content [%]												0.0214
Ga mass content [%]												
Hg mass content [%]												
In mass content [%]												
La mass content [%]												
Li mass content [%]											0.00024	
Mo mass content [%]												
Na mass content [%]								0.0005			0.0017	
P mass content [%]												
Pb mass content [%]								0.0050			0.019	0.010
Sb mass content [%]											0.0023	
Sc mass content [%]												
Se mass content [%]												
Sn mass content [%]								0.0062			0.00018	0.0040
Sr mass content [%]												
Ta mass content [%]												
Tl mass content [%]												
V mass content [%]								0.0067			0.0100	0.029
W mass content [%]												
Zr mass content [%]	0.17				0.050	0.11	0.16	0.105			0.0101	0.050

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

7xxx AlZn

	741/01	742/01	743/01	744/01	756	9151	9152	AS70/02
Si mass content [%]	0.31	0.15	0.10	0.21	0.128	(0.1)	(0.1)	0.157
Fe mass content [%]	0.40	0.30	0.15	0.50	0.105	(0.15)	(0.15)	0.291
Cu mass content [%]	0.10	0.050	0.10	0.051	0.0127	2.08	(1.5)	1.62
Mn mass content [%]	0.105	0.053	0.10	0.056	0.050	(0.05)	(0.05)	0.165
Mg mass content [%]	0.035	0.065	0.039	0.074	0.971	(2.5)	1.47	2.71
Cr mass content [%]	0.023	0.012	0.012	0.023	0.270	(0.2)	(0.2)	0.209
Ni mass content [%]	0.011	0.011	0.012	0.012	0.0093	(0.01)	(0.01)	0.031
Zn mass content [%]	0.805	1.29	1.79	2.77	5.79	(5.6)	(5.6)	5.53
Ti mass content [%]	0.027	0.016	0.016	0.028	0.0099	(0.02)	(0.02)	0.030
Ag mass content [%]								
As mass content [%]								
B mass content [%]								
Ba mass content [%]								
Be mass content [%]					0.0020	(0.003)	(0.003)	
Bi mass content [%]								
Ca mass content [%]								
Cd mass content [%]						(0.005)	(0.005)	
Ce mass content [%]								
Co mass content [%]								
Ga mass content [%]								
Hg mass content [%]								
In mass content [%]								
La mass content [%]								
Li mass content [%]								0.00092 - 0.001
Mo mass content [%]								
Na mass content [%]								0.0014 - 0.0018
P mass content [%]								
Pb mass content [%]					0.0089	(0.005)	(0.005)	0.011
Sb mass content [%]								
Sc mass content [%]								
Se mass content [%]								
Sn mass content [%]					0.0093	(0.005)	(0.005)	
Sr mass content [%]								
Ta mass content [%]								
Tl mass content [%]								
V mass content [%]						(0.005)	(0.005)	0.023
W mass content [%]								
Zr mass content [%]					0.1889			0.119

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